

Claims

1. Method for selecting network access to one or more data networks by means of a telecommunication terminal, with the following steps:
 - Analyzing network access information which has been determined by the telecommunication terminal and/or additional telecommunication terminals during network connections via different network accesses;
 - Selecting a network access on the basis of the analyzed network access information.
2. Method according to Claim 1, in which selecting the network access includes selecting one or more network access providers together with the network interface which the telecommunication terminal needs in order to establish a connection with the network access providers.
3. Method according to Claim 1 or 2, in which the network access information includes information concerning the quality of the network accesses and/or the costs incurred for network connections via the said network accesses.
4. Method according to Claim 3, in which the information about the quality of network accesses includes information on the services available from said network accesses and/or the connection quality of said network accesses.
5. Method according to Claim 4, in which the connection quality information includes information about the frequency of cut-outs and interruptions, and/or bandwidths, and/or data losses, and/or data delays, during network connections via the said network accesses.

6. Method according to one of the preceding Claims, in which adjustable parameters are used to analyze the network access information.
- 5 7. Method according to one of the preceding Claims, in which the parameters include user-specific and/or application-specific requirements regarding network access quality.
8. Method according to one of the preceding Claims, in which
10 the parameters include information regarding the location of the telecommunication terminal.
9. Method according to Claim 8, in which the location of the telecommunication terminal is determined automatically.
- 15 10. Method according to Claim 8, in which the location of the telecommunication terminal is identified by the user of the said telecommunication terminal.
- 20 11. Method according to Claim 8, in which the location of the telecommunication terminal is determined by inquiring from a network access provider.
12. Method according to one of the preceding Claims, in which
25 only network access information which has been determined by the telecommunication terminal and/or by additional telecommunication terminals in a predefined area surrounding the location of the telecommunication terminal is analyzed.
- 30 13. Method according to one of the preceding Claims, in which network access information is made available to network service providers and/or network access providers.

14. Method according to one of the preceding Claims, in which the network access information is updated at regular intervals.
- 5 15. Method according to one of the preceding Claims, in which the network access information includes user-specific comments.
- 10 16. Method according to one of the preceding Claims, in which the network access information is stored on a central computer and/or the telecommunication terminal and/or the additional telecommunication terminals.
- 15 17. Method according to one of the preceding Claims, in which information about the location which the telecommunication terminal needs for the selected network access is further determined with the aid of the selected network access.
- 20 18. Method according to Claim 17, in which a navigation system determines the way from the present location of the telecommunication terminal to the location which the telecommunication terminal needs for the selected network access.
- 25 19. Method according to one of the preceding Claims, in which one or more data networks, for which a network access is selected, is or are the Internet and/or a fixed telecommunications network and/or a mobile radio communications network.
- 30 20. Method according to one of the preceding Claims, in which the telecommunication terminal is connected to the additional telecommunication terminals in order to exchange data.

21. Method according to Claim 20, in which the connection for exchanging data takes place without intermediate circuits via further devices, in particular via wireless LAN and/or via an ad hoc network and/or via Bluetooth interfaces and/or infrared interfaces.
22. Method according to Claim 20 or 21, in which the selected network access is a network access which takes place via one of the additional telecommunication terminals and in which data from the selected network access can be transmitted to the telecommunication terminal via the data exchange connection.
23. Method according to one of the preceding Claims, in which the telecommunication terminal and/or the additional telecommunication terminals are mobile radio terminals and/or computers.
24. Method according to one of the preceding Claims, in which the network access information has been determined by means of measurements carried out only on the telecommunication terminal and/or the additional telecommunication terminals.
25. Device for selecting network access to one or more data networks by means of a telecommunication terminal which can be used to execute a method according to one of the preceding Claims.
26. Device according to Claim 25, comprising;
- Means (VAM) for analyzing network access information which has been determined by the telecommunication terminal and/or additional telecommunication terminals during network connections via different network

accesses;

- Means (VMM) for selecting a network access on the basis of the analyzed network access information.

- 5 27. Device according to Claim 25 or 26, in which the device is integrated into a telecommunication terminal.